

PRECAST/PRESTRESSED CONCRETE



This subgroup is responsible for all areas related to precast concrete production for WVDOH projects, including but not limited to plant evaluation, production monitoring, QA product inspection, consultant inspection agency supervision, approved plant/product list maintenance, and materials sampling.

CONTACT INFORMATION

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Mr. Gillispie is responsible for maintaining the following Approved Lists:

Concrete Sealers (707.12)

Non-shrink Grout (715.5)

Sammy J. Searls, PE
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Mr. Searls is responsible for maintaining the following Approved Lists:

Approved Precast Concrete Fabricators

Type 2 Class A Concrete Curing Compounds

MSE Retaining Walls (626)

RELATED DOCUMENTS

Standard Specifications Roads & Bridges w/ Supplemental
Section 603 Prestressed Concrete Members
Section 604 Pipe Culverts
Section 605 Manholes and Inlets
Section 611 Precast Concrete Traffic Dividers
Section 614 Piling Walls (precast lagging)
Section 620 Three-Sided Reinforced Concrete Bridge/Culvert
Section 626 Retaining Wall Systems

Standard Details Book Volume 1 - Drainage, Guardrail, Pavement, Fence, & Markers
Standard Details Book Volume 2 - Signing, Signals, Lighting, & Marking
Standard Details Book Volume 3 - Standard Bridge Plans
AASHTO Standard Specifications for Transportation Materials & Methods of Sampling
PCI Journal Vol. 30 - Fabrication & Shipment Cracks in Precast or Prestressed Beams
IM-18 (Informational Memorandum) - Quality Assurance Procedures

For Mix Designs: ACI 318 Chapter 5 or ACI 301 Chapter 3 or ASTM C192

RELEVANT MATERIALS PROCEDURES

MP 106.03.50 General Information Guide for Quality Assurance Testing

MP 603.02.10 Guide for Approval of Component Materials Precast/Prestressed Plants
MP 603.10.40 Inspection and Acceptance Procedures for Prestressed Concrete Beams

MP 700.00.01 Sampling and Testing Materials at the Source
MP 700.00.06 Aggregate Sampling Procedures

MP 711.03.23 Mix Design for Portland Cement Concrete